

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LARRY ZHAO
JEREMY MARTIN
HARTMUT RUELKE

Confirmation No.: 7303

Examiner: Alexander G. Ghyka

Serial No.: 10/717,122

Group Art Unit: 2812

Filed: November 19, 2003

Att'y Docket: 2000.106900/DE0130

For: DIELECTRIC BARRIER LAYER FOR A
COPPER METALLIZATION LAYER
HAVING A VARYING SILICON
CONCENTRATION ALONG ITS
THICKNESS

Customer No.: 23720

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed foreign patent documents are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R § 1.97(e)(1), Applicants hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior

to the filing of the present statement, as evidenced by the enclosed letter from our German associate.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Director is hereby authorized to deduct said fees from Williams, Morgan & Amerson, P.C., Deposit Account No. 50-0786/2000.106900.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

WILLIAMS, MORGAN & AMERSON
CUSTOMER NO. 23720

Date: August 29, 2006

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Form PTO-1449 (modified)		Atty. Docket No. 2000.106900/DE0130	Serial No. 10/717,122
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Larry Zhao, Jeremy Martin and Hartmut Ruelke	
		Filing Date: November 19, 2003	Group: 2812
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,339,025 B1	1/15/02	Liu <i>et al.</i>	438	687	
	A2						
	A3						
	A4						
	A5						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 1 146 140 A1	10/17/01	Europe	C23C	16/02	Yes
	B2	WO 03/007368 A2	1/23/03	PCT	H01L	21/768	Yes
	B3						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	
	C2	
	C3	

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.